

## NCDOT Prioritization 3.0 Project Summary

**SPOT ID: H090458-C**

**Mode:** Highway

**Status:** Submitted

## US-401 (Ramsey Street)

**From/Cross Street:** US 401 Bypass

**Specific Improvement Type: 1 - Widen Existing Roadway**

**To:** I-295

**Project Category:** Regional Impact

**Length:** 3.49

**TIP#: U-4403**

**Fully Funded in Draft STIP? No**

**Cost to NCDOT: \$32,153,000**

**Description:**

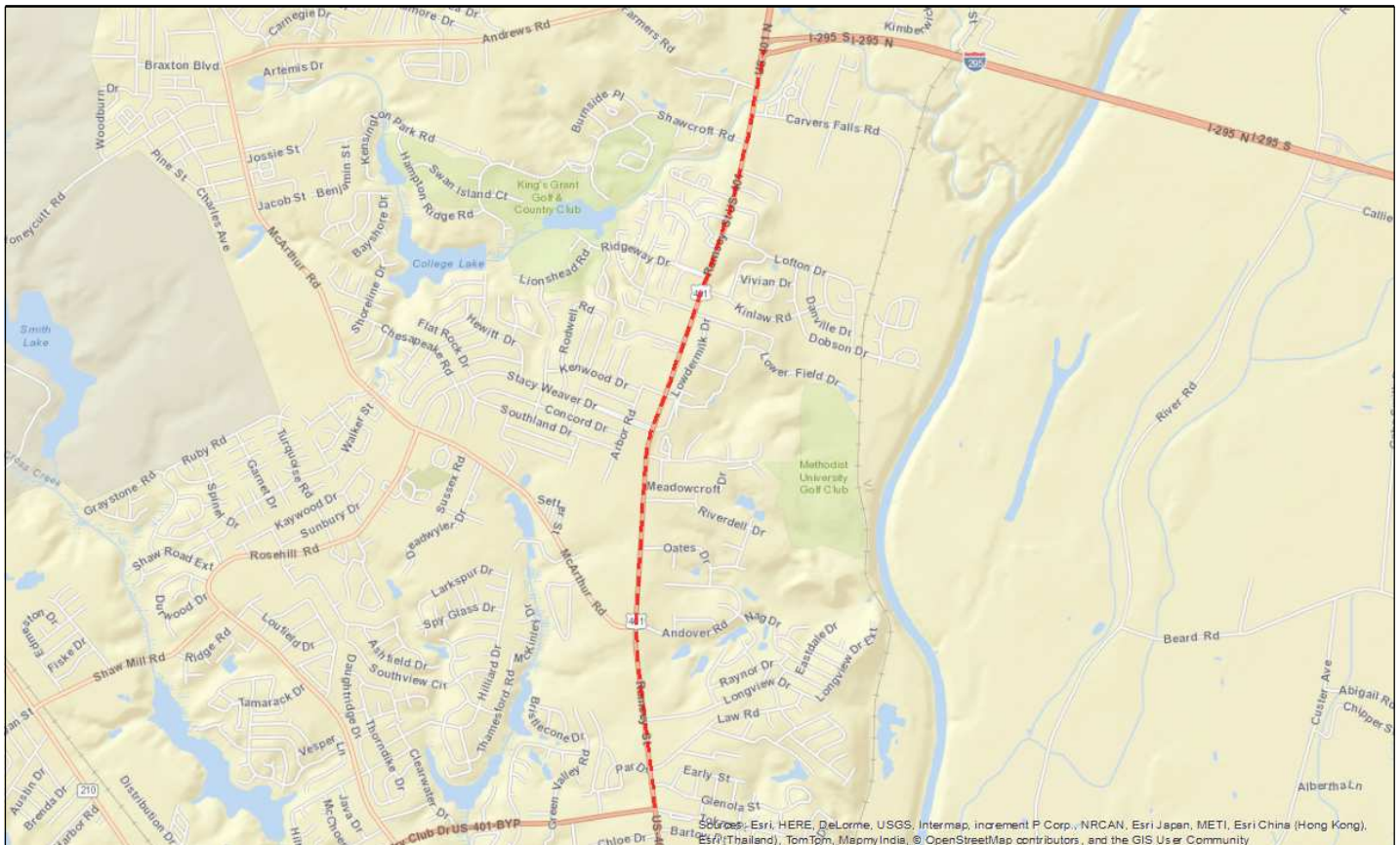
## Widen to Multi-Lanes

**Division(s):** Division 6

**County(s):** CUMBERLAND

**MPOS(s)/RPO(s): Fayetteville Area MPO**

## Project Location



**Statewide Mobility Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
<b>Totals: Weight: 0% Weighted Score: 0</b>	N/A	N/A

**Regional Impact Total Score: 66**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 84.19	Percent: 15%	Percent: 15%
Safety (10%) 86.27	Points: 100	Points: 100
[Travel Time] Benefit/Cost (25%) 13.92		
Accessibility / Connectivity (10%) 28.48		
<b>Totals: Weight: 70% Weighted Score: 36</b>		

**Division Needs Total Score: 28.25**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 84.19	Percent: 25%	Percent: 25%
Safety (10%) 86.27	Points: 0	Points: 0
[Travel Time] Benefit/Cost (20%) 13.92		
<b>Totals: Weight: 50% Weighted Score: 28.25</b>		

**Project Data \*****Existing Conditions**

Existing Cross-Section:	
Speed Limit:	45
Length (miles):	3.49
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	Yes
Volume (AADT):	36721.84
Capacity:	31700.05
Volume/Capacity Ratio:	1.16
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	97.21
Crash Severity:	83.45
Critical Crash Rate:	78.19
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	22
Existing Median Type (for Cost Estimation):	TWLT
Pavement Condition Rating:	92
Actual Congested Speed:	34.37
Travel Time Index:	1.3

**Project Benefits**

Project Cross-Section:	6F - 6 Lane Divided (17'-6" Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks
Speed Limit:	45
Length (miles):	3.49
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	20341688.13
Travel Time Savings for 30 Years (Autos):	20341688.13
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 6

\* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

**Project Ownership****Division**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 6	100%	100	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>100</b>	<b>0</b>

**MPO/RPO**

<b>MPO/RPO</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Fayetteville Area MPO	100%	100	0
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>100</b>	<b>0</b>

**Project Cost and Source**

Construction Cost:	\$22,412,000	Cost Estimation Tool
Right-of-Way Cost:	\$8,697,000	Cost Estimation Tool
Utilities Cost:	\$1,044,000	Cost Estimation Tool
Total Project Cost:	\$32,153,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$32,153,000</b>	